

AMENDMENTS TO THE CLAIMS

Please **AMEND** claims 1-3 and 7-15 as shown below.

Please **ADD** claims 16-20, as shown below.

The following is a complete list of all claims in this application.

1. (Currently Amended) A liquid crystal display, comprising:
a first substrate;
a second substrate facing the first substrate;
a liquid crystal layer sandwiched between the first and the second substrates, the liquid crystal layer having a polymer region barrier ~~at each pixel region~~;
a first ~~electrode formed at~~ electrode formed on said first substrate; and
a second electrode formed at on said second substrate; ~~and~~,
wherein said first substrate and said second substrate apply an electric field to said liquid crystal layer.

2. (Currently Amended) The liquid crystal display of claim 1, ~~wherein said first electrode has~~ further comprising an opening pattern formed on the first electrode, wherein at each pixel region and; the polymer region barrier is arranged ~~positioned~~ corresponding to the opening pattern.

3. (Currently Amended) The liquid crystal display of claim 2, ~~wherein the second substrate is provided with~~ further comprising:

a color filter formed on the second electrode at each pixel region, the color filter having:

and

a groove formed on the color filter, wherein the groove is arranged corresponding to the opening pattern of said first electrode.
4. (Original) The liquid crystal display of claim 2, wherein a protrusion is formed on the opening pattern.
5. (Original) The liquid crystal display of claim 2, wherein a protrusion or a hollow is formed under the opening pattern.
6. (Original) The liquid crystal display of claim 2, further comprising a first vertical alignment layer formed on the first electrode, and a second vertical alignment layer formed on the second substrate.
7. (Currently Amended) The liquid crystal display of claim 1, wherein the liquid crystal layer ~~bears~~ has a negative dielectric anisotropy.
8. (Currently Amended) A method for fabricating a liquid crystal display, comprising the steps of:

arranging a first substrate and a second substrate such that the first substrate and the second substrate face each other;

~~injecting~~ filling liquid crystal between the first substrate and the second substrate to form a liquid crystal layer; and

forming a polymer region in barrier ~~at~~ the liquid crystal layer.

9. (Currently Amended) The method of claim 8, wherein the liquid crystal filled between the first substrate and the second substrate ~~the liquid crystal layer~~ contains monomers having a phase transit property ~~of transitting phases~~ when light is illuminated.

10. (Currently Amended) The method of claim 8, further comprising ~~the~~ steps of:
forming a first electrode on the first substrate; ~~and~~
forming a second electrode on the second substrate; and
forming an opening pattern on ~~wherein~~ at least one of the first electrode and the second electrode ~~has an opening pattern~~.

11. (Currently Amended) The method of claim 10, further comprising ~~the~~ a step of forming color filters either ~~at~~ on the first substrate or ~~at~~ on the second substrate, each color filter having a groove arranged corresponding to the opening pattern.

12. (Currently Amended) The method of claim 11, wherein the step of forming a polymer region comprises a step of illuminating a UV light ~~is illuminated~~ to the monomers through the groove ~~at the step of forming the barrier of polymer~~.

13. (Currently Amended) The method of claim 10, further comprising a step of forming wherein a protrusion ~~is formed~~ on the opening pattern.

14. (Currently Amended) The method of claim 10, further comprising a step of forming wherein a protrusion or a hollow ~~is formed~~ under the opening pattern.

15. (Currently Amended) The method of claim 8, wherein the liquid crystal layer has bears a negative dielectric anisotropy.

16. (Currently Added) A liquid crystal display, comprising:
a first substrate;
a first electrode formed on the first substrate;
a second substrate facing the first substrate;
a second electrode formed on the second substrate and facing the first electrode;
a liquid crystal layer containing liquid crystal molecules and formed between the first substrate and the second substrate;
a polymer region form in the liquid crystal layer, the polymer region preventing the liquid crystal molecules from rotating when an electric field is formed between the first electrode and the second electrode.

17. (Currently Added) The liquid crystal display of claim 16, further comprising an opening pattern formed on the first electrode, wherein the polymer region is formed corresponding to the opening pattern.

18. (Currently Added) The liquid crystal display of claim 17, further comprising a protrusion formed on the opening pattern.

19. (Currently Added) The liquid crystal display of claim 17, further comprising a groove formed on the second electrode, wherein the second electrode arranged corresponding to the opening pattern.

20. (Currently Added) The liquid crystal display of claim 17, wherein the liquid crystal has a negative dielectric anisotropy.